



Actual

**Catalog Number:** DTW516  
**Product ID:** 7TAH007050R0017  
**UPC Number:** 78621086844  
**EAN Number:** 05414363150305  
**Status:** Active

Transition Washer for Connecting Aluminum/Aluminum, Aluminum/Copper and Aluminum/Copper Lugs and Bus Bar, Outer Diameter 25.4mm (1.0 Inch), Inner Diameter 8.6mm (0.34 Inch), Stud Size 5/16 Inch, Copper Alloy, Tin Plated

- Teeth on the transition washers penetrate aluminum and copper oxides, enabling copper to aluminum connections to be made in a bolted joint without the use of inhibiting compounds.
- Transition washers also accommodate the difference in thermal expansion between copper and aluminum, and enhances the efficiency of bolted grounding connections.

#### North American Specifications (UNSPSC)

UNSPSC	31161807 Flat washers
IGCC	2885 Flat washers
Brand Name	Color-Keyed
Type	Transition Washer
Application	Teeth on the transition washers penetrate aluminum and copper oxides, enabling copper to aluminum connections to be made in a bolted joint without the use of inhibiting compounds.
Standard	UL E9809
Material	Copper Alloy
Finish	Tin Plated
Thickness	0.035 Inch/0.89mm
Outside Diameter	1 Inch/25.4mm
Inside Diameter	0.34 Inch/8.6mm
Fits Bolt Sizes	5/16 Inch
Color	Silver

#### European Specifications (ETIM)

ETIM	EC002345 Serrated lock washer
Material	Other
Material quality	Other
Surface protection	Other
Model	Double toothing
Inner diameter	8.6mm
Outer diameter	25.4mm
Thickness	0.89mm

#### Packaging

Inner Quantity	100
Inner Dimensions (inches)	3.3x2.8x2.3
Outer Quantity	1000
Outer Dimensions (inches)	12.2x6x3.4
Weight Uom	9.38 lbs. per 1000

#### Documents / Support Tools

Technical Drawing / Data Sheet	WSD-000471
Technical Drawing / Data Sheet Canada	Available on Website

**For further technical assistance, please contact us...**

ABB Installation Products - USA  
860 Ridge Lake Blvd.

ABB Installation Products Technical Support  
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